Secrtt. II-27—104,006—4-11-48.

P.W (195) Department.

Ms. SERIES.

G.O. NO. 534

Dated 7/2/1951

close
2
10/2/51

[Despatch Abstract.]

Electricity - South Kanara

H.E. Scheme - Investigation -
Porters Recorded.

(1) Copy of Letter No. 5507 E/45-5, dated 17-1-1946, from the Secretary to the Government of Madras, Public Works Department; to the Secretary to the Hon'ble the Resident in Mysore, Bangalore.

Sub: Electricity - Reconnaisance of water power sites in South Kanara Dt.

***

In order to examine the possibility of hydro-electric sites in South Kanara District, the Chief Engineer (Electricity), Madras, has made necessary arrangements to conduct a preliminary reconnaisance on the Sankatagundi and Varahi rivers. The Chief Electrical Engineer ~~EMR~~ of the Mysore Government has informed the Chief Engineer (Electricity), Madras, that the consent of the Mysore Government is desirable for carrying out any reconnaisance or survey as the upper reaches of these rivers are in the Mysore Territory. In the circumstances, I am to request that the consent of the Government of Mysore for carrying out the preliminary reconnaisance may kindly be obtained and communicated to this Government at an early date. If the results of the preliminary reconnaisance are satisfactory, detailed surveys can be arranged later. The Mysore Government may also be addressed to kindly arrange with their Forest Department for rendering the Madras Government staff any assistance that may be required in the matter.

vvvvvv

(2) Copy of Letter No. M.E.44-45/Pol. dated 22-2-1946, from the Secretary to the Hon'ble the Resident in Mysore; to the Secretary to the Government of Madras, Public Works Department.

Sub: Electricity - Reconnaisance of water power sites in South Kanara District - Sankatagundi and Varahi rivers.

***

I am directed to refer to your letter No. 5507 E/45-5, dated the 17th January 1946, and to forward for information a copy of letter from the Government of Mysore, No. E.D.S. 1334, dated the 15th February 1946.

Public Works Department

Endorsement No. 5507 E/45-9, dated 23-2-1946.

Communicated to the Chief Engineer (Electricity) for necessary action and report.

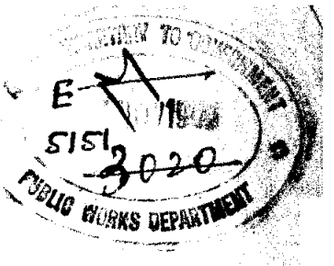
vvvvvv

(3) Letter from the Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department, No. E.D.S. 1334, dated the 15th February 1946.

Sub: Electricity - Reconnaisance of water power sites in South Kanara District - Sankatagundi and Varahi rivers.

***

3 ##



ELECTRICITY DEPARTMENT.

From	To
The General Superintendent, Power Development, 5, M.R.O. Buildings, Egmore, M a d r a s.	The Secretary to Government, Public Works Department, Fort St. George, M a d r a s.

No. Ec28/45 98 Dated 15-/11/46.

S i r,

Sub: South Kanara District - Varahi River Hydro-Electric Scheme - Kunchikkal Abbi Hydro-Electric Scheme - Estimate.

...

Ref: Govt. Memo.No.5507.M/45-14, dated 16.9.'46 and Chief Engineer's (Elecy.) letter No.5169.G/44.34, d/ 15.10.46.

...

With a view to investigate the possibility of developing Hydro-Electric Scheme in South Kanara District to meet the requirements of power in that and neighbouring areas instead of taking power for a long distance from Pykara, preliminary investigations of three possible sites in South Kanara District mentioned in Mear's report i.e.

1. Chagatkallasamabha arm of Sankatagundi river
2. Chegatakall Doddabha arm of Sankata-gundi river
3. Varahi river at Kunchikal Abbi

was made and it was found that the first two schemes are not economically feasible being of very low capacity and only the Varahi river scheme is worth considering as already reported to Government by Chief Engineer (Elecy.) in his letter No. 5169.G/44.30, dated 3.9.'46.

2. It is to be mentioned in this connection, that, for this Hydro-Electric Scheme, the entire catchment for the storage and the dam site is located in Mysore state and the Power House site is in Madras territory and as such the Scheme involves the joint development with Mysore and agreement with them may not be easily got. So in addition to the detailed investigations of this Scheme, reconnaissance of the mountainous regions in the South-east portion of South Kanara Dt. for possible power site is proposed to be done to see if any suitable site entirely in the Madras territory can be found.

For the above investigations I am enclosing herewith an estimate for Rs. 82,000/-

3. The estimate provides for a Sub-Division with 6 Supervisors and necessary Ministerial staff and peons for 8 months for field work and for a Sub-Division with one Supervisor and necessary Drawing staff for four months in the Central Technical Office for working out the details and drawing up the report. The estimate provides a Lumpsum for construction of masonry weir (as details cannot be furnished before detailed examination of site) and also exploration of foundations for Dam and Power House site.

4. Provision has also been made in the estimate for the grant of Unhealthy Locality Special pay and grant of 25% pay as dangerous duty allowance in addition to the usual Dearness Allowance admissible under existing rules. Staff employed in

p.t.o.

in Madras are provided with Presidency or Madras House Allowance as the case may be.

5. I request that sanction of Government may kindly be accorded early for the estimate so that the preliminary works may be started early and completed soon, subject to staff being available. I have to mention that great difficulty has been and is being experienced for finding necessary Assistant Engineers, and Supervisors for works on hand and it is not certain when staff for this investigation will be made available from the P.W.D., from whom this Department is obtaining its requirements of Civil Engineering Staff.

6. The Sub Division will be attached to the Construction Circle, Madras.

7. In this connection I invite your kind reference to your Endt. No. 5507.E/45-9, dated 26.2.1946 forwarding the letter No.FF.4446/POL/dated 22.2.46 of the Secretary to the Hon'ble Resident in Mysore. It is presumed that the permission accorded in the above letter will be sufficient for proceeding with the above investigation work. I request that Mysore Government may formally be advised of the proposed preliminary investigation.

9. Favour of early action is requested.

GENERAL SUPERINTENDENT,
POWER DEVELOPMENT.

Encl. Estimate.

bj/15.

E S T I M A T E.

		Rs.	Rs.
1.	**FIELD STAFF.**		
1.	One A.E. Civil, for 8 months, (Rs.320/- pay, plus U.H.L. Special pay Rs.67.8.0 plus Rs.80/ Dangerous duty allowance plus 67.12.0 W.A.) at Rs. 535..4.0	4,282/-	
2.	Six supervisors for 8 months (Rs.155 plus Rs.45 U.H.L. plusRs.38.12.0 Dangerous Duty Allowance plus Rs.35/- W.A.) at Rs.273.12.0 for 8 months	13,140/-	
3.	Eight peons for 8 months (Rs.12/- + Rs.2/- + Rs.3/- + Rs. 16/-) at Rs.. 33/- for 8 months	2,112/-	
4.	One Lower Division Clerk for 8 months Rs.30/- plus Rs. 15 U.H.L. plus 7.8.0 plus 16.8.0) at Rs. 58.8.0 for 8 months	468/-	
5.	One Draftsman III Gr. (Rs. 70/- plus Rs.13.8.0 plus Rs.17.8.0 plus Rs.18.0.0) at Rs. 119 for 8 months	952/-	
		--------	21,000/-
	WORK CHARGED STAFF.		
1.	Lascars - 5 for each Supervisor, 30 lascars for 8 months at Rs.30/-	7,200/-	
2.	Lascars - for Jungle clearance 2 for each Supervisor - 12 lascars for 8 months at Rs. 35/-	3,360/-	
3.	N.M.R. Labour for Jungle clearance	1,500/-	
4.	Maistries - 1 for each Supervisor - Six maistries for 8 months at Rs.46/-	2,160/-	
5.	Gauge reader and helper - 2 for 8 months at Rs.49/-	784/-	
		--------	15,000/-
	STAFF IN SUPERINTENDING ENGINEER'S(CONSTRUCTION) OFFICE.		
1.	One A.E.(Civil) for 4 months (@ Rs.320/- pay plus Rs.56/ W.A. plus Rs.50/- H.A.) at Rs. 426/- p.m.	1,704/-	
2.	One Supervisor, Civil, for 4 months (Rs.155/- pay plus Rs.27.2.0. W.A. plus Rs.25/- H.A.) at Rs. 207.2.0	828/-	
3.	One Draftsman II Gr. for 4 months (Rs.90/- Plus 18/- plus Rs. 15/-) at Rs. 123/-	492/-	
4.	One Draftsman III Gr. for 4 months (Rs.70/- plus Rs.18/- plus Rs.15/-) @ Rs.103	412/-	
5.	One Tracer for 4 months (Rs.30 plus Rs.16/- plus Rs.2½/-) at Rs. 48½/-	194/-	
6.	One L.D.C. for 4 months (Rs.30 plus Rs.16/- Plus Rs. 6½) at Rs. 52.8.0	210/-	
7.	One Typist for 4 months (Rs.30/- plus Rs.16/- plus Rs. 6½/-) at Rs. 52.8.0	210/-	
8.	Two peons for 4 months (Rs.12 plus Rs.16/- Rs. Plus Rs. 2½/- at Rs. 30½/-	244/-	
		--------	4,300/-

7 ~~75~~

~~-2-~~

		Rs.		Rs.
			b/f.	40,300/-
II.	FOUNDATION EXPLORATION.			
	(1) Hire of Calyx Drills	1,500/-		
	(2) Exploration work 400' of Calyx drilling at Rs.12/-	4,800/-		
		-------		6,300/-
III.	(1) Constructing Masonry weir and conducting gauging operations.	16,000/-		
	(2) Installation of Raingauges at Yadvi and Meervalli	3,000/-		
	(3) Cutting of Bench marks	500/-		
		--------		19,500/-
IV.	Stationary and stamps etc.			800/-
V.	Transport of Instruments			1,500/-
VI.	Sheds for stores and staff			4,000/-
VII.	Tools and plant			1,000/-
VIII.	T.A. actual expenses			4,000/-
IX.	Leave and pensionery charges			1,800/-
X.	Contingencies etc.			2,800/-

			Rs.	82,000/-
				======

(Rupees Eighty-two thousand only).

GENERAL SUPERINTENDENT,
POWER DEVELOPMENT.

bj/15.

77

STAFF FOR FIELD WORK.

1. One Assistant Engineer, Civil
2. Six Supervisors, Civil.
3. Eight peons.
4. One Lower Division Clerk.
5. One Draftsman III Gr.

8 months.

TECHNICAL OFFICE.

1. One Assistant Engineer, (Civil)
2. One Supervisor (Civil).
3. One Draftsman II Gr.
4. One Draftsman III Gr.
5. One Tracer
6. One Lower Division Clerk
7. One Typist.
8. Two peons.

4 months.

.....

11

ELECTRICITY DEPARTMENT.

From
The General Superintendent,
Power Development,
5, M.R.O. Buildings,
Egmore, M a d r a s.

To
The Secretary to Government,
Public Works Department,
Fort St. George,
M a d r a s.

No.EC.28/ 5558 Dated 18/12/46.

Sir,

Sub: South Kanara District - Varahi river - Hydro-Electric Scheme - Kunchikal Abbi Hydro-Electric Scheme - Estimate.

Ref: This office No.EC.28/4598, d/15.11.46.

Proposals for the investigation of the Hydro-Electric Scheme at Kunchikkal Abbi in Varahi river and any other possible sites have been submitted to Government in this office letter referred to above.

2. It is since understood from the Chief Engineer for Electricity that various alternatives to bring power to South Kanara area are being studied and therefore the proposals sent by this office are a little premature.

3. I therefore request that the proposals sent may kindly be deemed to have been withdrawan.

GENERAL SUPERINTENDENT, P.D.

15/21.1 12

Pro D(E)

Memo No. 515/E/46-1 dated 20-1-48

Ely:- South Kanara Dt. – Vaiahi river H.E. Scheme and Kanchikkal Abbi H.E. Scheme – Estimate – from the G.S., P.D., No. EC. 28/5338 dt 18.12.46 overleaf.

It is understood that pending the extension of Jog Power to South Kanara, a preliminary survey may also be started on the possibilities of power development in South Kanara, the G.S., P.D., is requested to submit to the C.E.(E) a revised estimate for the two projects.

20.1.48

20.1.48

The G.S.P.D.

20-1-48 Copy to the C.E.(E)

13

P. W(E)

36/11-2

Memo No. 5151E/46-2 dt 23-2-48

Elecy. S. Kanara Dt. - Varahi river H-E. Scheme and Kunchikkal Abbi H-E. Scheme - Estimate

p 12 Cf. Govt memo No. 5151E/46-1 dt 20.1.48

The C.S.P.D is requested to state when the revised estimate called for in the memo cited above may be expected.

dpl 25/2/48

To the C.S.P.D

Copy to the C.E(E)

kp 20.2.48

20/2/48

N 23.2.48

15

ELECTRICITY DEPARTMENT

From
The General Superintendent,
Power Development,
Egmore, Madras.

To
The Secretary to Government,
Public Works Department,
Fort St.George, MADRAS.

No.SK.1/1734 d/ 2-3-48.

Sir,

.Sub: Electricity - South Kanara District Varahi river H.E.S. - and Kunchikkal Abbi H.E.S. - Revised estimate.

Ref: Government, Public Works Department memo No.5151 E/46-2 dated 23-2-48.

The Superintending Engineer, General Construction circle, Madras has been referred to in the matter and the revised estimate will be submitted to Government through the Chief Engineer(Electricity) as soon as a reply is received from him. The S.E. is being reminded to expedite the same.

for General Superintendent,
Power Development.

Ns.28/2

Copy to the Chief Engineer for information

16

Y/2x

D. W(E)

Memo No. 515/E/48-3 dt 19-4-48

Sub: (as marked)

Ref: From the G.S.O.D. No SK.I/1734 dt. 2.3.48

The G.S.O.D. is requested to state when the revised estimate may be expected.

16/4/48

16.4.48. 16/4/48

S.O. dt 24.4.48

The G.S.O.D

Copy to the C.E(E)

17

ELECTRICITY DEPARTMENT

From

The Chief Engineer
for Electricity,
Chepauk, Madras.

To

The Secretary to Government,
Public Works Department,
Madras.

No.5169G 44-66 dated 28-4-48.

Sir,

Sub:- Electricity - South Kanara District - Varahi River Hydro-Electric Scheme - Kunchikal Abbi Hydro-Electric Scheme - Investigation - Estimate.

Ref:- Government Memo.No.5151E/46-1 dated 20-1-48 and 5151E/46-3 dated 19-4-48 to the General Superintendent, Power Development, Egmore.

A revised estimate amounting to Rs.1.24 lakhs for the preliminary survey of the possibilities of power development in South Kanara has been received from the General Superintendent, Power Development. In view however of the fact that Mysore has since agreed, vide my letter No.5169G/44-65 dated 12-4-48 to give Jog power to this area, and very likely as a permanent measure, I consider that investigation of the Hydro-Electric Schemes in the South Kanara area, might be deferred for the present especially in view of the great dearth of Civil Engineers. The schemes on which construction has started are themselves much handicapped and slowed down due to this dearth and it is not desirable to start investigation work now except where it is absolutely necessary in the interests of power programme. It is not so necessary in the South Kanara area for the present.

P.T.O.

Pp 19-21 infra

A copy of the estimate received from the General Superintendent, Power Development is forwarded herewith. But, in the circumstances explained above, no action need be taken thereon for the present. I request Government approval to the suggestion made.

N. Venkataraman
27/-

FOR CHIEF ENGINEER (ELECTRICITY)

ESTIMATE

		Rs
I.	**FIELD STAFF**	
1.	One Assistant Engineer (Civil) for 8 months (Rs.260/- pay plus U.H.L. special pay Rs.67--8--0 plus D.D.A Rs. 65/- plus C.L.A. Rs.57/- D.A	3596--0--0
2.	Six supervisors (Civil) for 8 months (Rs.150/- plus U.H.L. Spl. pay Rs.81/- D.D.A. at 37--8--0 + C.L.A. 40/-	14808--0--0
3.	Eng Eight peons for 8 months Rs.16/- plus U.H.L.Spl.pay @ Rs.5/- + D.D.A Rs.4/- and D.A. Rs.18/-	2752-0-0 ~~2572--0--0~~
4.	One Lower Division Clerk for 8 months (Rs.45 + 13-8-0 + 11-4-0 + 22)	734--0--0
5.	One Draftsman III Gr. (Rs. 70/- + 22-8-0 + 17--8--0 + 24 for eight months	1072--0--0
		22962--0--0
		22,962/-
	WORK CHARGED STAFF	
1.	Lascars 5 for each supervisor 30 lascars for 8 months at Rs.25 + 9 + 6--8--0 + 19/-) = 59--8--0	14280--0--0
2.	Lascars for jungle clearance - 2 for each supervisor - 12 lascars @ Rs.59--8--0 for 8 months	5712--0--0
3.	N.M.R. labour for jungle clearance (appx.)	2000--0--0
4.	Maistries - 1 for each supervisor six maistries at Rs.50/- + 13--8--0 + 12--8--0 + 22/-) = Rs.98/- for eight months	4704--0--0
5.	Gauge reader and helper - 2 for 8 months at Rs.59--8--0 each	952--0--0
		27648--0--0
		27,648/-
		50,610/-

continued.

B.F. 50,610/-

STAFF IN SUPERINTENDING ENGINEER (GENERAL CONSTRUCTION CIRCLE) OFFICE

1.	One Asst. Engineer (Civil) for 4 months Rs.260 + C.L.A.52/- + H.A. 50/-	1448--0--0
2.	One Supervisor (Civil) for 4 months Rs.150 + 34 + 25	836--0--0
3.	One Draftsman II Gr. for 4 months (Rs.120/- + 29 + 15)	656--0--0
4.	One Draftsman III Gr. for 4 months (Rs. 70/- + 24 + 7)	404--0--0
5.	One tracer for 4 months (Rs.35 + 19 + 5)	236--0--0
6.	One Lower Division Clerk for 4 months (Rs.45 + 22 + 7)	296--0--0
7.	One Typist for 4 months (Rs.45 + 10 + 22 + 7)	336--0--0
8.	Two peons for 4 months (Rs. 16 + 18 + 5)	312--0--0
		4524--0--0
		4524--0--0
		55,134--0--0

II.	Stationery and stamps etc.	1000/-	1,000--0--0
III.	T.A. -. actual expendes	4000/-	4,000--0--0
IV.	Leave and pensionery charges ~~11.86%~~ 12.5% on total estt.		2061-0-0 ~~3,260--0--0~~
V.	Contingencies	3000/-	3,000--0--0
VI.	Foundation and exploration		
	1. Hire of calyx drills	2000/-	
	2. Exploration of work of 400' of calyx drilling @ Rs 24/-	9600/-	11,600--0--0
VII.	1. Constructing masonry weir & conducting gauging operation	30000/-	
	2. Installation of rain gauges at Yadvi & Meeravalli	5000/-	
	3. Cutting of bench marks	600/-	35,600--0--0
VIII.	Transport of instruments	1800/-	1,800--0--0
IX.	Sheds for stores and staff	8000/-	8,000--0--0
x.	Tools and plant	1500/-	1,500--0--0

Total Rs 1,23,695--0--0

123695 or say Rs 1,24,000--0--0

G. Venkatesam
SUPERINTENDING ENGINEER. 18/6/48

cr/15-3-48.

18/6/48

23

ELECTRICITY DEPARTMENT.

From
The General Superintendent,
Power Development,
Nungambakkam, Madras 8.

To
The Secretary to Government,
Public Works Department,
Fort St.George, Madras 9.

Letter No.SK.1/3625 dated 29/4/48.

Sir,

Sub: South Kanara District - Varahi river H.E.Scheme and Kunchikkal Abbi H.E.Scheme - revised estimate.
Ref: Your Memo.No.5151 E/46-3 dated 19/4/48 to this office with copy to C.E.E.

According to Government Memo.No.5151 E/46-1 dated 20/1/48 a revised estimate for the scheme was already sent to the Chief Engineer for Electricity for being forwarded to Government. The Chief Engineer for Electricity is being informed about the Government reminder and requested to take necessary action.

for General Superintendent, P.W.

Copy to Chief Engineer(Electricity) in continuation of this office letter No.ES/SK1/2796 dated 3/4/48 for favour of necessary action.

sm.28.4.

25

P. W(E)

Memo No. 5151 E/46-4 dy 19-5-48

Elecy - S. Kanara - Hydro-Electric Schemes - Investigation

From the Ce (E) No. 5169 G/44-66 dy 28.4.48

The suggestion made by the Ce(E) in his letter cited above, viz, that no action need be taken for the present on the revised estimate submitted by him for the preliminary survey of the possibilities of power development in S. Kanara, is accepted.

19.5.48 19.5.48 19.5.48

20/5

p17 CF

K on p21 N.F

The Ce(E)

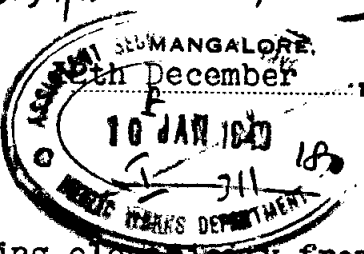
Copy to the G.S., P.D

Sec'y P.W. The remarks of the C.E.E might be --

K. R. KARANTH,
B. A., LL. B., M. L. A.,
ADVOCATE.

I have replied. MLS 14.1.

MANGALORE.
8th December 194 8



Dear Sri. Bhaktavatsalam,

For long the matter of getting electricity from Mysore to this district has been hanging fire. Some months ago you wrote to me that discussions were going on with the Mysore Government. I wonder why discussions on this subject should be made to depend and hang upon the development of the Megha-Dhatu project in the Coimbatore district. One has nothing to do with the other. May I know the stage what the matter has reached now? The Mysore Ministers have been informing my friends here that they are over-anxious to supply electricity to this district. But I believe much of it is only in words and not in action.

2. Whilst I was there in Madras I remember you had proposals to send out an Engineer for investigating projects in this district itself. As you know with the heaviest rain-fall in the whole province there are a number of water falls which could be investigated and developed for supply of electricity. I remember a retired Engineer Mr.Natesa Iyer was reengaged for this investigation.

But for all that I see I find that he is working elsewhere in the province but not here. Can we not hope to the benefit of his services in this district also?

Yours sincerely,

K. R. Karandh

The Hon. Sri M. Bhaktavatsalam,
Minister for Public Works,
Fort St. George,
Madras.

P. W(S)

524/14/49
20-1-49

Endt No. 5151 E/46-5 dy 19-1-49
Referred to the Ch E(E) for remarks.

19.1.49

18.7.49

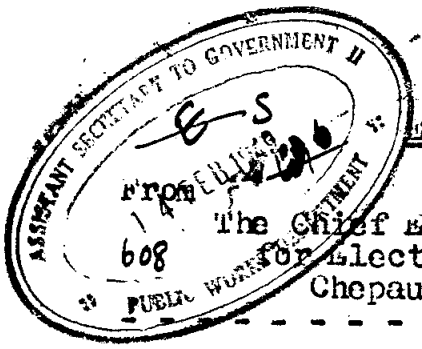
21/1/49

5151/48

Copy of the Ch E(E) Circle Engr's letter dy 27-28 alone) sent to Mr. K. R. Karandh

R.D. 20.2.49

29



ELECTRICITY DEPARTMENT

From
The Chief Engineer
for Electricity,
Chepauk, Madras.

To
The Secretary to Government,
Public works Department,
Madras.

No.4475/49-1 dated 9-2-49.

Sir,

Sub:- Electricity - Supply of power to South Kanara District from the Jog falls.

Ref:- Government Endt.No.5151E/48-5 dated 19-1-49.

Reference is invited to my letter No.5169G/44-79 dated 3-1-49 forwarding proposals for extension of Mysore power to South Kanara.

2 The question of supply to South Kanara has been linked with the Mekadatu issue by the Mysore Government presumably to gain bargaining power. Strictly speaking, South Kanara supply is not related to the Mekadatu issue at all. Mysore is in the position of supplier in this case and as final agreement for supply to South Kanara has not been reached at the time of negotiations for Mekadatu settlement, they have linked up the question with the latter.

3 Regarding investigation of Hydro-Electric project in South Kanara District, I invite reference to my letter No.5169G/44-66 dated 28-4-48 and orders of Government thereon in Memo. No.5151E/46-4 dated 19-5-48 accepting the suggestion to defer the investigation.

V. Venkataraman

VAG.10/2.

FOR CHIEF ENGINEER (ELECTRICITY)

Translation.

This is a memorandum, dated 2nd February 1949, submitted to Hon'ble Sri M. Bhaktavatsalam, Minister for Public Works, Government of Madras, by Sri Pundit Gopalakrishna Kamath, No.85, Hosangadi Village, Cundapur Taluq, South Kanara District.

In the memorandum submitted in November 1946 during the visit of the Hon'ble Minister for Public Works, accompanied by Sri K. R. Karanth, Ex-Minister for Revenue, it was stated that at Kunchikal falls there is stope for Hydro-Electric development in order to elivate the poor condition of the villages namely Hosangadi and Yadamogi. It was further stated in the said memorandum about the discussion with the Superintanding Engineer in October 1946 regarding the production of electricity in the said area and the allied matters connected with rural reconstruction work in these two villages.

2 In continuation of the memorandum already submitted, this memorandum adds that these villages are under the foot of Western Ghats and therefore the abnormal rain always brings destruction to the ~~just~~ first crop cultivators. With regard to the second crop there is no proper irrigation facility. Therefore the fields fall barren and the people are driven to utter poverty. Besides it is afraid that these villages may completely received in course of time.

3 The above mentioned project will certainly help the people. So far the Government have not taken any steps in this direction and nothing is known about the same.

P.T.O.

4 The Hon'ble Minister for Public Works had given a statement two months ago, that the hydro-Electric projects could be undertaken even at the areas of small water falls to provide electricity for the agricultural purposes and hence this request.

5 Recently the Superintending Engineer informed that if the project is built at the place mentioned above, those two villages can get 300 gallons of water per minute. Hon'ble Sri Gurupadam also said in the Assembly on 26-1-1949 regarding the scheme of the development of 34 Firkas in the Province. As such the Government is requested to add these two villages also in the scheme and help the people.

మద్రాస్. సరకార్. తీగకోగాపయిన్యాని ఇవ్వాలి

ఆ. మాన్యమంత్రి పెత్త వల్లభంరవర

నన్నెద్దానప్పే.

సం|1949 నేయిన్షిపేల్పనరి దొ 2రప్పి. చుంటాపురతాలూకాలు. నంగిన
పేచుండడిగ్రామవాసి. మండిగరే నీటాలాల్షక్షగా మా మాంరపేంద
మవది.

మాన్యశంచాయిచుమంత్రి ఆధీ శీ. లూర్. తాణా
కరకూడి. 1946 నేంయ్సివి. నవంబ్రకిర్ంళ్లు. తాంవు. చంటాపురతాలీ
శీ. పెత్తయిపాదాన్లోనవ్మపేపేంద్రి. యుడపేటిక్రామళదు
సిస్టేల నివారణేంయపురిపు. వారాకి ఇలపొత్తయునది చుంటిళల్లు అబ్బి
సి. ఆపేశళ్యుశబ్బిసి. బిడ్మళ్లే ఎంపాదనేశాంయ్తిత్తిపేళ్ళ చదువపేంచయి
ట్లే. చుంటిళల్లు అబ్బియు. నాగిద పవరే నిరక్షరాంయు. బాన్లో. 1946 నేంయ్సి
వి. అపేన్లోబరకిర్ంళ్లు లియిట్లనీబాంద. మమ అంతరాదేంరయిందిని
యరకడద నే. నమ్మిన్ర మోద్దోదపాంయర్ధపంతాలు ఆతళ్లే నక్షుళ్లే
బందపేయు. ఎన్నవళ్ళరియల్లు మిస్తరిసి ఎన్నవిసిదేను.
మలనాడుత్రుంళ్ళ. సాతి. చుడవేళ్లే. నమ్మిన్రము నళ్యాదపంపెంద్ధమ
శీపాలయూమళు. కిత్తువ్మళ్లీ బద్ద 1నేళ్లోడ్డిరు. రమావాళలూ.
ఆనన్నెనిబారదే. ఇవ్వేళ్లోరిసి. అనుకూలవాద నిరావరి లియిట్లనే.
అదిపేళ్లిపెమూమి సాంవళ్ళియిట్లదే ఎంపిరుంద్ది. ఇ పాంచ్ప్లే
బాకరంచెనేబందు. గ్రామళ్ళుకాళ్యాళ్యువ పెత్తికి బాంద కారణ్ణ. చుం
టిపల్లు అబ్బిసి. ఆపేశళ్యుశబ్బి. బిడ్మళ్ళ లబ్బోదనేశాంయ్ సరకారద
వరుళ్తేపేంద్రి. నిరా వరియిబాంద. ఇటాపొళ్యువళ్ళయూ. బడజనాం
శళ్లే ఎంబ్బోగవూ కేస్తు. నమ్మ యుకడూ గ్రామళ్ళూ సమ్మ దిన్నిళల
పెరిగే వాడు వు. యుంబ్రతిపే సరకారద వరుశాంయ్ళ్తేపేళ్ళదే
యిరువదతంద యినుమ్మా. ఎట్లనేంబాడూ కెళ్యంయలల్లు
లాదదూ. నమ్మిన్రిబాగోవ్మయిట్లిని మాన్యమంత్రి పెత్త వల్లభంరవర్ను.

3) వెలంగపుండి. నల్లపిలుపాళెంవాళ్ళందరూ నాపు. విద్యుత్కేంద్రాదనేళ్లిపో
డం. ఇదూ వ్యవసాయమ్మీ విద్యుత్తేనడుపాలి యూను వంటివాటిస్థమము
ధ్వంసం చేస్తూ వీళ్ళు అప్పుడే పోరి నడ్డుంటారు. యుంబు పారవసేయం
ద నిరాశాపాగ దేశ్ప్రయత్నవందరి సువసాధనమీ యీ మనవిచర
పోండిరుచ్చేనే.

లూగోగే. ఛారిగా. నుపతండీంపిగే యింటి నియరరు. లూనేశవ్వ్య
శవ్యవస్థ్యవడ నిష్ప్రయోజనప్రస్థదల్లి. లూనేశవ్వ్యశత్యద్దల్లి యురడ
స్రామ గళిగూ 1 ని మిత్తే 300 కీలనే స్యారు. నీరావరీ పోడువరీ
సంద్రనినచుదాగి వెళ్ళయుద్యోగిదర ప్రకారల నాపుమంద లీనేశ్లీం
ప యోగవనే యిద్దరుల్లా కాలగా. 26.1.1949 నేదిన మద్రాసన
నవపుటేంయుల్లా మద్రాసోసరకారద పిత్తే అఖిలభారతకాంగ్రెస్ వర్కిం
వంతి నూరుపాదందవరు. అప్పుడే పోడిసద 34 మత్తాలి అఖిలభారత
స్రామమనుంరక్షణేయ శాయుత్నగళ్లి మద్రాసే ప్రాంతీయద మూవ్నే
డియ అధ్యక్షరుస్రామగళాదపోడిసండరి. యుడమోదే స్రామగళుత్తీ
రిసి. నవ్వదక్షిణభారతవన్నద బుల్లిరి మతూమత్తాయరాద కరాచిచల్లలిబ్రి
యం. బలజాతేదింద విద్యుత్తే లుత్పాదనేగే కేలసవేరిసి దమ్మస్రామగళ
ద్వారా అనుకూలవాల మాళసచ్చేయాగిస్రాధ్యనిసుత్తేనే.

మండ్యదే డిస్ట్రిక్ట్ కోర్టాలవక్కీలరు
మైసంద.

(37) P.W.(S)

Memorandum No. 608 S/49-2 dated: 16-9-50

Electricity - South Kanara - Hydro Electric Schemes - Investigation.

Ref: ~~Exxxx~~ Government Memo. No.5151-E/46-4 dated 19-5-48.

The attention of the Chief Engineer (Electricity) is invited to G.O.No.3270 P.W. dated 1-9-50, sanctioning the South Kanara Distribution Scheme. He is requested to state when the proposal for the preliminary survey of the possibilities of power development in South Kanara, which was deferred in the Government Memo. cited, may ~~again~~ be taken up for consideration.

13/16/9.

p25cf

Cpm at (P)

1:25 cf

To the C.E.(E)

send

EPC send

13.9.50

13.9.50

15.9.50

24.10.50

Urgent.

39

Government Electricity Department.

From

The Chief Engineer for Electricity,
157, Mount Road, Madras.

To

The Secretary to Government,
Public Works Department,
Madras.

GOVERNMENT SECRETARY TO GOVERNMENT
31 OCT 1950
W67
PUBLIC WORKS DEPARTMENT

No.173-I/50-16 dated 30th October, 1950.

Sir,

Sub: Electricity - South Kanara - Hydro Electric Scheme I - Investigation.

P37 ante

Ref: Government Memorandum No.608-S/49-2 dated 16-9-1950.

Recommendations on the programme of investigations will be sent to Government after study of the Special Officer for Hydro Electric Surveys' recommendations in this behalf.

Government exchange reminder dated 24-10-50 is returned herewith.

/V. Venkatraman/

For Chief Engineer for Electricity.

SV.30-10-50.

4/ Part(5)

Telephone Message (By post) No. 608 S/49-3 dt. 23-12-1950

40
27/12

From the As I - P.W.D
To the CE(E).

Sub: Elecy. - South Kanara - Hydro-Elec Schemes - Investigation

Ref: Your AO 173 I / 50-16 dt 30 10/50

Please say when your report will be received submitted

Pl. Ack. 29.12

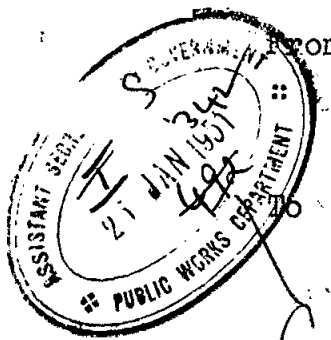
23/12/50

28.12.50

15/1/51

43

GOVERNMENT ELECTRICITY DEPARTMENT.



From

The Chief Engineer for Electricity,
157, Mount Road,
Madras.

To

The Secretary to Government,
Public Works Department,
Madras.

No.173-I/50-1 dated 19th January 1951.

S i r,

Sub:- Electricity - South Kanara Hydro-Electric Scheme - Investigation.

-:-

Ref:- Post copy of telephonic Message No.608S/49-3 dated 26-12-1950.

-:-

The proposals of the Special Officer/Hydro-Electric Surveys in regard to the development of Hydro-electric schemes in the State are under study. These proposals envisage a programme of development of all possible sites in a ten year period, in two stages of 5 years each, the more important river

P.T.O.

river basins being included in the first stage, and the remaining ones in the second stage. All the possible sites in the South Kanara District are included in the 2nd five year plan of investigation. As the hydro dynamic values have yet to be worked out, it is unlikely that the investigation of the South Kanara sites will be taken up earlier than 5 years from the date of sanction to the comprehensive scheme mentioned above.

K. Venkataraman

3 For Chief Engineer for Electricity.

nbs.22/1.

23/1

Con. 608 5/49 (45) PW (S)

Go. Ms. No. 534 d 7-2-1951

3/N.V Electricity - South Kanara H.E. schemes - Investigation - Papers recorded.

H-43-46 of Ref: From the CE(E): No 173 I/50-1 d 19-1-51

Recorded.

6/2/51

BY
6257

E
6/257

Ref CE(E) S/Cs

608 ⊃/49

Originals in file reg. purchase of Jog Falls power from Mysore.

Extract from P.W.D. Note file, regarding "Electricity - Supply to South Kanara District."

~~Ref: From the C.E.(E) No. 5168 C/44-14, dated 19-12-45.~~

---

* * * *

2. At the instance of the Kanara Chamber of Commerce the question of extension of supply from Jog Falls to South Kanara was reconsidered in September 1944 and the Chamber was informed that the question of extension of Pykara power to the South Kanara District would be examined after war. When the scheme for the extension of Pykara power to Calicut and Cannanore ("est Coast Extensions - curtailed scheme) was sanctioned, the C.E.(E) reported that an extension of Pykara supply from Cannanore to South Kanara would need lesser lengths of line and would be more economical than getting Mysore power, that the extension would not be justified during war and could be considered only as a post-war measure as it involved long lengths of transmission lines and that it was proposed to examine certain hydro-electric sites in the S.Kanara District to see if they would be suitable for economic development. The position was explained to the Chamber and the C.E.(E) was asked to examine the possibilities of hydro-electric sites in the S.Kanara and the Malabar Districts and submit a report.

A

3. Subsequently, several representations were received from the Kanara Chamber of Commerce and other public bodies on the subject and they were informed of the position. With reference to 'A' above, the C.E.(E) made necessary arrangements to conduct a preliminary reconnaissance on the Sankatagundi and Varahi rivers. As the upper reaches of these rivers are in the Mysore territory, the Govt. of Mysore were addressed for permission to carry out the reconnaissance or survey. The Mysore Govt. replied that they

P.T.O.

had no objection to this, provided the Govt. of Madras agreed to furnish all the details of the information obtained and would not proceed with any project without consulting them. The Mysore Govt.'s letter was communicated to the C.E.(E) for necessary action and report. He has not so far sent his report. ~~Please see his interim reply on p. 47 c.f.~~ He may be asked to expedite submission of the report.

* * * *

T.V.N./ 13-7-1946.

As H.M.(Rev). had told me that there was a very strong feeling in South Kanara against this Government for failure to provide it with electricity from the Jog Falls Scheme, I have carefully gone into this question and have discussed this with the C.E.(E).

Jog Falls are on the boundary between North Kanara (Bombay Presidency) and Mysore. The position of the Bombay Government is somewhat similar to that of Orissa in regard to the Hachkand Falls. While Orissa have driven a very hard bargain with us, even though there is no possibility of developing any area in that province in the vicinity of the falls, the Govt. of Bombay have practically given away the entire power from the falls to the Mysore Govt. after reserving only a small block of power for themselves. The Bombay Govt. were entitled to half power from these falls -- and this could have been utilised for the development of the adjoining districts in the Bombay and Madras Provinces. The reason for this attitude on the part of the Bombay Govt. seems to be that the areas in the immediate neighbourhood were very backward, and that the cost of transmission to the nearest area where electricity could be utilised--Hubli--was very heavy. This shows how badly North Kanara and the neighbouring districts have been neglected by the Bombay Govt. Even so, there is no reason why their people should have been deprived of.....

of any potential development by making this over practically the entire power from the Jog Falls to Mysore. In similar circumstances the Orissa Govt. are making this Govt. practically to pay for the heavy cost of transmission to distant areas in their province. The C.E.(E) tells me that he has heard from Mr. Mirchandani of Bombay (who was till lately in the service of this province), that the Bombay Govt. are now even at a loss as to how to dispose of even the small block of power which they have retained from the Jog Falls.

It has been decided to purchase power temporarily from the Jog Falls to supply power to part of the Ceded Districts till 1952-53 when power is expected to be available from the Tungabhadra Scheme. Mysore Govt. were prepared to give power to Mangalore, Udipi, Coondapur and the Neighbouring area and even suggested that an officer of this Govt. should be deputed to discuss with a representative of that Govt. and to formulate proposals.

But the C.E.(E) however recommended that no power need be taken from Mysore. So far as I understand, his view was that the cost of transmission from Mysore to South Kanara would not be cheaper than the cost of transmission of the Pykara Power from Cannanore which would need lesser lengths of transmission lines. Though this Govt. have sanctioned the Moyar Scheme which will provide for extension of Pykara Power to South Kanara, it is now projected to construct these lines only in 1950-51. The C.E.(E) has now suggested that in answer to Mr. A.B.Shetty, M.L.A's interpellation in the Legislative Assembly, that we may reply that the feasibility of advancing this date would be further examined by this Govt.

I am afraid that the C.E. was not justified in suggesting that we need not get any power from Mysore. Though South

Kanara...

Kanara is now a part of this province, it is possible that if the question of linguistic provinces is taken up, it may along with North Kanara and other districts in Bombay from part of a unit, the interests of which will be closely bound up with those of Mysore - even though Mysore has all along been thinking only in terms of itself.

It has been generally recognised that in matters of development of any particular locality, the interests of the entire area as a whole, irrespective of boundaries between provinces and states, should be taken into account. From this point of view, as well as from the point of view of the rest of the province attempts should have been made to get for South Kanara as much electricity as possible from the Jog Falls while reserving the electricity from Pykara for further development of the adjoining areas in the neighbouring districts. As Mysore has always been driving very hard bargain with us, Mysore should not have been allowed to monopolise the entire power from the Jog Falls.

From the point of view of the people of South Kanara, they would probably have got power from the Jog Falls in 1948 if this Government had taken up this question in right earnest. There is considerable possibility of expansion of the Cashewnut, tiles, coffee and oil installation industries; considerable forest wealth can be tapped in the district, and there is a possibility of new industries like sawmills, wood utilisation, plywood, coir and ceramics springing up; as well as spinning and weaving, if suitable facilities are given for the people who possess considerable business talent particularly as they have been trading with countries across the Arabian Sea for generations.

They have certainly a grievance as the present arrangement does not contemplate any supply earlier than 1950-51. The West Coast Extensions Scheme has already been sanctioned, and if the Govt. so choose, it is open to them to order

the.....

the C.E.(E) to take up this line in preference to other schemes. The C.E.(E) however is not enthusiastic about this not only because of the existing high cost of wires but also because there will be no consumption of power on the way from Cannanore to Mangalore. This question may perhaps be discussed at the next monthly conference.

In his Triennial report of "Hydro-Electric Resources" in this Province, Mr. Meares has referred to two schemes known as the Sankatagundi and Varahi Schemes. The C.E.(E) has told me that Sankatagundi scheme is very small and not worth developing. As for the Varahi river falls some investigation has already been made, and the C.E.(E) is about to send a report that is capable of being developed into a fairly large scheme which can supply at least the entire power needed for the district. (I understand that it can also spare a lot of power for other areas after meeting the needs of the district). Apart from the difficulty of finding Civil Engineers for investigation of schemes, negotiations with Mysore (the upper reaches of the river being in Mysore) may be protracted, and it will not be possible to provide power to S.Kanara from this scheme before 1950-51.

If the Govt. consider that the representations of S.Kanara which has been sadly neglected by this Govt. in the matter of expenditure on communications and irrigation, deserve any consideration, it is open to them to direct the C.E.(E) to advance the date of the project of transmission of power from Cannanore to Mangalore. Even if the Varahi River Project ultimately materialises, the construction of this line will not be a waste as it will serve the purpose of connecting this scheme with the Madras Grid.

As H.M.(Rev.) wants to express his views in this matter, H.M.(I.L.) may perhaps send the file to him for

P.T.O.

his opinion before taking this up at the next conference.

V.N.K./ 24-7-46.

V.V.G./ 30-7-46.

Since there will be a conference when I would like to be present I dont wish to write here at any length. Sufficient to say that the Dt. has been totally neglected in the past. Probably H.M.(I&L) may not be aware (and the note above also does not show it) that actually S.Kanara villages (3 or 4 of them) have been acquired and handed over to the Mysore Govt. for the Jog Project reservoir. And yet when Mysore asked if Madras would take electricity for Kanara the Govt. talked of Pykara. It is not fair of any Govt. to treat of an area like this. Let me not say more. As to what actually we may do I hope we shall discuss it at the next conference which I suggest may be held on the 15th or 16th instant, as 14th, the date fixed, happens to be the day for Land Revenue demand.

K.R.K./ 7-8-46.

Circulated to H.M.(I&L) for orders on 'A' above.

V.N.K./ 7-8-46.

This matter may be discussed with me and H.M. (Rev.) after his budget demands are over. Secy. P.W.D. will phone up to C.E.(E) at my instance later when this discussion will be held.

V.V.G./ 12-8-46.

H.M.(Rev.) may be informed about this.

*

T.V.N./ 24-8-46.

This question was discussed with the C.E.(E) and H.M.(I&L) at a conference at which H.M.(Rev.) was present.

The C.E.(E) said that Mr. Mirchandani, Senior Engineer, Electricity Grid, Bombay had written to him saying that he was unable to find immediate use for 5000 K.W. to which the Bombay were entitled from the Jog Falls Scheme in their own territory, and that the C.E.(E) had written him that this Govt. was prepared to take up 2000 K.W. and more - what else he could spare:- the C.E.(E) has suggested that we would take.....

take supply at the Mysore Terminals at Jog and take line through Bombay Territory into S.Kanara; or in the alternative the Bombay Govt. may build a line from Jog to the border of S.Kanara under a guarantee from this Govt. The C.E.(E) is awaiting his reply. The C.E.(E) has promised to remind him.

A

The C.E.(E) proposes to send a report for sanction of an investigation party to investigate the power site on the Varahi River in November. He proposes to ask them to reconnaoitre possible power sites on the vicinity of the Ghats in the S.E. of the district. His report may be awaited.

H.M.(I&L) and H.M.(Rev.) may see.

V.N.K./ 26-8-46.

V.V.G./ 27-3-46.

K.R.K./ 27-3-46.

* * * *

Note to H.M. (I&L).

You are aware that Bombay Government were asked to give up a portion of their 5000 KW from the Jog Electricity scheme. I understand that they have declined to do so. I may inform you however, that in our own district of South Kanara, a good portion of 8 villages had to be acquired for the Reservoir for the Jog Electricity Project. As such, we have a claim to negotiate directly with the Mysore Government, which we should do now. It is a pity that the previous 'Advisers' Government never used this advantage to benefit our area. At least now we ought to try. When I met Sir Ramaswami Mudaliar, Dewan of Mysore in September last informally, I mentioned to him this fact and he agreed to consider it. But I am not sure what he will do since for a letter of mine he has not replied.

K.R.K./ 5-11-46.

P.T.O.

P.W.D.

Please examine and put up early.

V.V.G./6-11-46.

P.W.D.

Please see the minutes of H.M.(Revenue) and H.M.(T&L) above. There are at present two electric supply companies in the South Kanara District generating and supplying power to Mangalore and Udipi (including Karakal) under licences granted to them under the Indian Elecy. Act. So far as hydro-electric supply to South Kanara is concerned there are three alternative sources - viz. (1) Supply of power from Jog Falls Scheme of the Mysore Govt. (2) extension of supply of Pykara Power and (3) development of hydro-electric power from the rivers within the district.

2. Supply of power from Jog Falls Scheme:-

In Jan. 1939, Mr. J.A.Saldanha raised the question of supply of power to the S.Kanara Dt. from Jog Falls scheme by means of an interpellation in the Legislative Council. It was stated in reply that the Electricity Deptt. was making a survey of Ernad and Calicut taluks with a view to extend the supply of Pykara power to the towns and villages in other taluks of Malabar, that if load developed satisfactorily in the northern parts of Malabara it might be feasible to extend transmission line further to S.Kanara and that it was not possible to state when Pykara power would be made available in S.Kanara. The C.E. had previously reported that S.Kanara was far away from Pykara, that Mangalore, the principal load town, was about 130 miles from Calicut, that the number of important load centres along a possible line to Mangalore were few and that the load possibilities of the area were not such as to justify the construction of either a long line of a separate Hydro-Electric Scheme.

3. In June 1939, the Mysore Govt. wanted to know--

(1) whether the Madras Govt. agreed to the construction

construction as designed by the Mysore Govt. of a dam across the Sharavati river in connection with their Jog Falls Hydro-Electric Scheme, and

(2) whether the Madras Govt. would acquire the land in Coondapur taluk, S.Kanara Dt. which would be submerged on account of the construction of the dam.

As there were indications that the development of Jog Falls would be linked to Sivasamudram, and Shimsha and as that Govt. (Mysore) paid a royalty to this Govt. for the use of the waters of the Sivasamudram, it was considered that there was no reason why, apart from the cost of the acquisition this Govt. should not receive some appreciable advantage in return. It was, therefore, suggested to make Mysore agree to either:

(1) the payment of an annual royalty for the user of the waters part of which must be regarded as belonging to this Government, or

(2) the transfer free of cost of a certain amount of electric power to be generated at Jog which this Govt. could utilise for the electrification of S.Kanara Dt. and possibly parts of Malabar District.

The question was discussed in a meeting of the Council of Advisers and it was decided that this Govt. would agree to acquire the land required and would offer it to Mysore on a 999 years lease, that the terms of the lease were to be settled when the cost of acquisition was known and that no demand was to be made for the transfer free of cost of a certain amount of electric power.

4. The Board of Revenue has reported that an extent of 1281-37 acres of land (441-11 acres private land and 840.76 acres Govt. land) in the three villages of Nagoli Koteshirur and Hebbige in Coondapur taluk, S.Kanara Dt. is invoved in the Jog Falls scheme. It is however stated that an extent of

of 1120 acres of land was handed over to the Mysore Govt. on lease for 999 years with effect from 1-7-1945 and that the execution of a lease deed for the purpose is under correspondence between this Govt. and the Mysore Govt. The Board of Revenue has been asked to report the extent of land actually submerged under the Jog Falls scheme and its reply is awaited.

5. Although the question of free supply of electricity power to S.Kanara from the Jog Falls scheme was not proposed to the Mysore Govt. in connection with the lease of lands for the scheme, this Govt. have examined the feasibility of obtaining power from the Jog Falls scheme in 1941 to 44. The Mysore Govt. were prepared to consider the proposals for supply of power to Mangalore, Udipi, Coondapur and nearby towns and suggested that an officer of this Govt. might be deputed to discuss the matter with a representative of the Mysore Govt. and formulate the necessary proposals. They also intimated the rates and conditions of supply. As the Govt. of India did not consider that the proposal was justified as a war measure and as the execution of the scheme for extension of Pykara Power to the West Coast was to be taken up, the C.E.(E) suggested that the proposal might be dropped. With reference to a query raised by Sir S.V.Ramamurthy, then Adviser 4, the C.E.(E) reported that assuming that the extension to Calicut and Cannanore was either constructed or under construction at the end of the war the further extensions to Mangalore and other places in the S.Kanara dt. was likely to take about 2 years. The proposal to get power from the Jog Falls scheme to the S.Kanara dt. was therefore dropped and the Hon'ble the Resident in Mysore was informed in January 1944 that this Govt. did not propose to pursue the matter and that the Mysore Govt. might be informed accordingly.

6. Extension of Pykara Power to S.Kanara:- The Govt. sanctioned in 1944 the West Coast extension scheme under which

Pykara hydro-electric power will reach as far as Cannanore. The scheme is in progress. Temporary supply of power has been afforded to Calicut and regular supply to Calicut and Cannanore are expected to be given early in 1947. The Govt. have sanctioned in 1945 the Moyar Hydro-Electric scheme which forms the fourth stage of development of the Pykara hydro-electric scheme. This scheme provides for extension of Pykara power to South Kanara in 1950-51.

The C.E.(E) has stated that extension of Pykara power from Kannanore would need lesser lengths of line and that such extensions would be more economical than getting Mysore Power.

7. Development of Hydro-electric power in S.Kanara:-

Preliminary reconnaissance surveys were made of the sites in

(1) Chagatkallasanabha arm of Sankatagundi river

(2) Chegatakall Doddabbia arm of Sankatagundi river

& (3) Varahi river at Kunchikkal Abbi.

The hydro-electric sites on the Varahi river is reported to be very promising while the other two sites are not so good. Further action is being taken by the G.S., P.D. for the investigation of the sites on the Varahi river and the general reconnaissance of the mountainous region in the South-east part of the South Kanara District for possible sites. Apart from the difficulty of finding Civil Engineers for investigation of schemes, negotiations with Mysore (the upper reaches of the Varahi river being in Mysore) may be protracted and it will not be possible to provide power to S.Kanara from hydro-electri schemes within the district before 1950-51. The C.E.(E) propos to make provision in the Revised Estimate for 1946-47 and the Budget Estimate for 1947-48 for investigation of the sites in the district.

8. At the instance of the H.M.(Rev.) the question of supply of hydro-electric power to S.Kanara was considered at a conference held on 26-3-46 at which the H.M.(Rev.), H.M.(I&L),

Secretary P.W.D. and the C.E.(E) were present. The C.E.(E) stated that he had addressed Mr. Archandani, Senior Engineer, Electricity Grid, Bombay, whether the Bombay Govt. would make available to this Govt. all or any part of block of 5000 K.W. of power to be obtained from the Jog Falls scheme. He has recently reported in connection with a Legislative Assembly interpellation that the Bombay Govt. cannot spare any part of their power from the Jog Falls scheme.

9. It would appear from H.H.Rev.'s minutes at p. 7 ante that the Govt. should now negotiate with the Mysore Govt. for supply of power to the South Kanara Dt. As this Govt. have not stipulated any condition previously for supply of a block of power free of cost to this Govt. in connection with the leasing of the lands handed over for the Jog Falls scheme, it may perhaps be too late now to make the Mysore Govt. agree to such a condition. The purchase of power from Mysore Govt. and laying lines for taking the power to South Kanara Dt. may not be economical as pointed by the C.E.(E). The course now open seems to be to advance the date of construction of the transmission lines to S.Kanara under the Moyar Scheme. As the Moyar river forms the boundary between Madras and Mysore for 16 miles the Mysore Govt. have since asked for particulars regarding the flow in the river at the Pykara reservoir before its construction and they have requested that a joint gauging station should be established for a period of 2 years on the Moyar at the commencement of the boundary between Mysore and Madras. They have also expressed that no works likely to affect their rights should be undertaken by this Govt. without previous consultation and consent of the Mysore Govt. The above proposals of the Mysore Govt. are being dealt with separately. It is therefore for orders whether the Mysore Govt. should be addressed now for supply of Jog Power to S.Kanara or the C.E.(E) may be asked to report the earliest date by which extension of supply to S.Kanara may be feasible under the Moyar scheme.

If.....

If the Mysore Govt. is to be addressed the views of the C.E.(E) and the Consulting Engineer to the Govt. may perhaps be obtained before putting up the necessary proposals to Mysore.

10. A copy of H.M.(Rev.)'s minutes on p. ~~19~~ 7 ante has been sent to Revenue and that deptt. have sent their file to this deptt. for further remarks. It seems that this file may be sent to Rev. for perusal of the note from p. ~~19~~ 7 ante before circulation to H.M.(I&L) and H.M.(Rev.).

T.P.K 12.11.46 Please see from p. ~~19~~ 7 ante. Independent of the development of hydro-electric power sites in S.Kanara dt. (para 7 ~~pp 22-23~~ p. 11 ante) and of the extension of power to S.Kanara from Moyar scheme (para 6 ~~p~~ ~~22~~ 10-11 ante), the proposals for purchase Jog Falls power from Mysore, which was dropped in 1944, may be taken up immediately and the Govt. of Mysore may be addressed after consulting the C.E.(E), Madras, and Sir Henry Howard, Consulting Engineer.

T.V.N./ 13-11-1946.

Development of hydro-electric power within the Dist. itself and extension of power from the Pykara system on the Moyar scheme will yet take time. Both these possibilities have not yet been fully explored. The first stage of Jog scheme is expected to be ready by about February 1947 and apparently 48,000 K.W. of power will be ready for release. Unless the production of power in the existing stations at Sivasamudram and Shimsa is reduced for any reason, the Mysore Govt. may have a fair amount of power to spare. The Bombay Govt. are not willing to release any part of their block of 5000 K.W. Opportunities were lost in 1939 and 1944 for getting power from Mysore for the West Coast at advantageous rates. Enquiries can now be made of the Mysore Govt. after consulting the C.E.(E) and Sir Henry Howard.

O.P.K./ 13-11-46.

Revenue Deptt.

Seen in Revenue,

Sd/- xxx / 15-11-46.

P.W.D.

Please see the notes from p. ~~10~~ 7 ante. This file and L.F.II below may now be circulated to H.M.(I&L) and H.M.(Rev.) for orders on 'H' at p. ~~25~~ 13 ante.

T.V.N./ 16-11-1946.

O.P.R./ 16-11-47.

V.V.G./ 19-11-1946.

H.M.(Rev.).

'H' at p. ~~25~~ 13 may be done. Though we lost the opportunity Mysore Govt. may be told what we have done for the Jog Project. Our ~~xxxx~~ lands are also not yet handed over though I am not ~~in 12-11-46 to 28-11-46~~ thinking of using such an advantage having given ~~xxxxxxxx~~ our word for it. C.E.(E)'s view that Pykara line may be shorter may not be quite correct. For though it may be so to Mangalore, it does not apply to places north of Mangalore. A line from Jog to Mangalore along the coast will have plenty of load, so that if we take the Dt. as a whole, Jog electricity will be better and cheaper and will cover a shorter distance. Let us also not forget that by reason of the very long distance from Mysore to Mangalore and further north (nearly 300 and more miles), a lot of energy will be lost in transmission.

K.R.K./ 22-11-1946.

P.W.D.

From the G.S.P.D.No. E.C.28/4598, dated 15-11-46.
" C.E.(E) No. 5169 E/44-35, dated 19-11-46.

Please see the orders in circulation above. A draft memo to the C.E.(E) is submitted. ("The proposals of the G.S., P.D. in his letter on pp ~~21-22~~ 3-9 c.f., since received, may be examined after issue of the memo).

T.V.N./ 28-11-46.

(Issued as Memo No. 5507 E/45-17, dated 28-11-46).

Ex 15.....

I feel we must somehow try and persuade Mysore Govt. to give a part of their load for N.Mangalore. It will be much appreciated by the people of the Dt. There were many representations made in this connection when I visited Mangalore recently. If necessary, the negotiations for getting this done, may be proceeded at the highest level. If found desirable I may first meet the Dewan myself. Secy. P.W.D. to consult C.E.(E) and let me know.

V.V.G./ 2-12-46.

Have not the C.E.(E) & Sir Henry Howard been asked to report on the proposal ?
O.P.R./ 2-12-46.

With reference to Secy.'s query ~~at the bottom of page 27 ante~~ above, it is submitted that the C.E.(E) has been asked, (in the memo. on pp 81-84, c.f.), to submit necessary proposals in consultation with Sir Henry Howard. However, in view of H.M's minutes, it is for consideration whether the C.E.(E) may be asked to meet Secy. for a personal discussion. If so orders are solicited as to the date and time when it will be convinient for Secretary to discuss the matter with the C.E.(E). (In another file the C.E. has stated that he will be returning to Madras on 5-12-46 from Delhi after attending the meeting of the Central Board of Irrigation).

T.V.N./ 3-12-46.

After the reply of C.E.(E) is received it would be more profitable to discuss the matter with him in the light of points raised by him, particularly if he or the Consulting Engineer or both are against the proposal. Remind the C.E.(E) for his report, if necessary by about 15-12.

O.P.R./ 4-12-46.

The C.E.(E) will be reminded on 15-12-46 if necessary. Meanwhile, the proposals of the G.S., P.D. in his letter on pp ~~71-72~~ 3-9 c.f. may be examined.

2. The G.S., P.D. has submitted an estimate for Rs.32,000 for the investigation of hydro-electric sites in S.Kanara. The nature of the investigation proposed to be undertaken and the provisions made in the estimate have been explained by the G.S., P.D. in paras 2-4 on pp ~~71-72~~ 3-4 c.f. As regards the need for the investigations, attention is invited to the note on

on pp ~~10-15~~ 2-5 ante and the proceedings of the discussion recorded by the previous Secy. at A on pp ~~16-17~~ 6-7 ante. In view of the urgent need for supply of cheap electric power to South Kanara, the estimate now submitted by the G.S., P.D. may be sanctioned, Urgently.

3. With reference to para 7 on p. ~~20~~ 4 c.f., the Mysore Govt. may perhaps be addressed after sanctioning the estimate. X

4. The file may be sent to Finance for early remarks.

M.P/7.12.46 P.K/7.12.46 This file may be required often for reference in connection with the purchase of Jog Falls power from Mysore. A separate file may be started urgently in connection with the C.S.P.D's proposal for investigation of the Varahi River hydro-electric scheme. Relevant extracts may be taken from this file. If originals are removed for the new file, copies may be kept in this file.

T.V.N./ 11-12-1946.

Thro' M 9.12.46 R(C)VMV 10.12.46

M 3-9 cf

Please see from X on p 15 ante. The file may be sent to finance for remarks. It will appear from the notes and minutes at A on pp 6-7 ante and at B on pp 13-14 ante, that independent of the proposal to purchase Jog Falls power from Mysore, the C.S.P.D.'s proposals on pp 3-9 cf. for investigation of hydro-electric sites in South Kanara may be accepted.

14.12.46 TPK 16.12.46

A.S.I./S.I.Fin

CN 17-12-46 SK 18/12/46. What about the point in para 7 at p 4 cf?

18/12

Submitted that the point is referred to at 'X' above

S

DK 18.12.46

CN 18.12.46

P 11 CF: A further communication has been received since from the G.S.P.D withdrawing his recommendation in view of certain other alternatives under consideration. may be examined

! 11 CF. From the G.S., P.D. No. EC.28/5838 dated 18-12-46

The further communication from the G.S., P.D. is on page 11 C.F.

2. As already explained in the note on pages 8-12 ante, there are three alternative sources, by which hydro-electric power can be made available to South Kanara. They are

(i) Supply of power from the Jog Falls Scheme of Mysore,

(ii) Extension of supply of Pykara power

& (iii) Development of hydro-electric power from the rivers in S.Kanara

Item (i) was examined and dropped in 1944; item (ii) is provided for in the Moyar Hydro-Electric Scheme, under which Pykara power will reach South Kanara in 1950-51; and item (iii) has to be investigated in detail (only preliminary reconnaissance has so far been done)

In view of the urgent need for hydro-electric power to South Kanara, the possibilities of accelerating the measures intended to supply hydro-electric power were examined and the position regarding the three items mentioned above are as follows:-

Item (i)-Supply of power from the Jog Falls Scheme of Mysore:

B As the other two alternatives are likely to take time, it has since been ordered that the question of purchase of power from the Jog Falls Scheme of Mysore, which was dropped in 1944, should now be taken up. The C.E(E) has been asked to submit

necessary proposals in consultation with Sir Henry Howard. His reply is awaited. He has been reminded to expedite submission of his report. B

Item (ii) - Extension of Pykara power: In another connection the C.E(E) has stated that the question of advancing the date of supply of Pykara power to South Kanara xx provided for in the Moyar Scheme is being examined by him. C

Item (iii) - Development of hydro-electric power in S. Kanara: Preliminary reconnaissance of the hydro-electric sites in South Kanara was already done and the xxx G.S.,P.D. submitted an estimate for Rs.82,000/- for detailed investigation. He now states that as various alternatives to bring power to S.Kanara are being studied by the C.E(E) his proposals for detailed investigation are a little premature. He therefore requests that his proposals referred to at 'A' above may be deemed to have been withdrawn. The other alternatives referrred to by the G.S.,P.D. are presumably those referred to at 'B' and 'C' on pages 17-18 ante. A

3. If the proposal to purchase Jog power materialises, the development of hydro-electric power in S.Kanara may perhaps be superfluous. ~~Though~~ This presumes that the purchase of Mysore power may be a temporary measure as in the case of the Cauvery, Kollegal and Hindupur schemes and that ~~measure,~~ the Moyar Scheme provides for the extension of Pykara power as a permanent measure. It therefore appears that, for the present, the detailed investigation of the hydro-electric sites in S.Kanara may be kept in abeyance. If necessary, the question may be taken up ~~later.~~ after C.E(E)'s proposals for the purchase of Jog Falls power are received. For orders.

~~N~~ S
4-1-47

may be considered when the proposals of the C.E.E. are received re. the purchase of power from Jog.
4/1/47

Extract of minutes of H.M. (P.W.).

"... A preliminary survey may also be started on the possibilities in South Kanara." M.B/15.1.48.

'D' on p62 of L.F. (CW5507 2/47).

W.r.t. H.M.(P.W.)'s minutes extracted above, please see item (iii) of the notes ~~on~~ and the orders of the previous Secretary at the bottom on p/cante

X p139 c/g L.F. As the Mysore Govt. have declined to spare any power from their Jog Falls to South Kanara, it is proposed in the connected file to start negotiations at ministerial level with Mysore to press for supply of power, especially as a good portion of three villages in South Kanara had to be acquired for the reservoir of the Jog Elec. Project. If further action is to be taken w.r.t Addl. H.M. (P.W.)'s minutes extracted above the Estimate for Rs 82,000/- for investigations submitted by the C.S., P.D. in November 46 may be examined in consultation

X p.43 c/g and M.5-9 c/g.

with the CE (E) pending the supply of Jog Power to South Kanara. ~~materialise~~.
The estimate may now require revision.
~~For orders whether this may be done.~~

NS
17.1.48.

N
17-1-48

$ The C.E. may be asked about this now

I have since discussed this with the C.E.E who has agreed as proposed

11/18 1/48

1/1

A.S.
A draft memo to the C.S.P.D. is submitted on p 12 cf.

N
20-1-48

gm
20.1.48

Issued as Memo. No. 515-E/46-1 dated 20-1-48 - p 12 CF

From the G.S.P.D., Letter No. SK.1/3625, dated 29-4-48. p 23 CF

The C.E.(E) has forwarded a revised estimate p 19-21 CF
amounting to Rs.1.24 lakhs for the preliminary survey of the possibilities of power development in S. Kanara. In view, however, of the fact that Mysore has since agreed to give Jog power to this area, and very likely as a permanent measure, he considers that ingestigation of the hydro-electric schemes p 17 CF.
in the S. Kanara area might be deferred for the present, especially in view of the great dearth of civil engineers. He points that the schemes on which construction has started are themselves much handicapped and slowed down due to this dearth and that it is not desirable to start investigation work now, except where it is absolutely necessary in the interests of power programme. He considers that it is not so necessary in the S. Kanara area for the present. He, therefore, suggests that no action need be taken on the revised p 18 CF.
estimate for the present and requests the approval of the Govt. to his suggestion.

2. As regards supply of Jog power to S. Kanara, it

is....

is submitted that during the discussions with the Mysore ministers in Bangalore on 3-4-48, the representatives of Mysore agreed to give supply of electric power to S. Kanara from Jog of 2,000 K.W. initially and 6,000 K.W. ultimately according to the same tariff as for the Ceded Dts. with the guarantee agreed to tentatively. The Mysore Govt. have been addressed to confirm the undertaking given by them at the Conference. Their reply is awaited.

3. In the circumstances, it is for orders whether the suggestion of the C.E.(E), viz., that no action need be taken for the present on the revised estimate submitted by him for the preliminary survey of the possibilities of power development in S. Kanara, may be accepted.

H. M. (P.W.) may see.

A draft memo is submitted.

Issued as memo No. 5151 E/46-4 dt 19-5-48

From Sri K.R. Karanth, D.O. dated 12-12-48.
To the C.E.(E) Endt. No. 5151 E/46-5 dated 19-1-1949.
From the C.E.(E) No. 447 E/49-1 dated 9-2-1949.
From Sri Pandit Gopalakrishna Kamath Memorandum No. dated 2-2-1949.

- - -

Please see the D.O. from Sri K.R. Karanth (and H.M.(P.W.)'s minutes thereon) at pp. 27-28 c.f. The remarks of the C.E.(E) are on p. 29 c.f.

2. Regarding supply of Jog Hydro Electric power to South Kanara, the Mysore Govt. have declined to confirm the informal undertaking given by them (to supply electric power to South Kanara from Jog of 2,000 KW initially and 6,000 KW ultimately) at the Conference on 3-4-1948 till the Mekadatu and allied questions are settled. No final agreement has

has yet been reached with Mysore on the Mekadatu issue and the subject is proposed to be discussed further with them shortly. Pending settlement with Mysore, the C.E.(E) has submitted an estimate for Rs.48.32 lakhs initially rising to Rs.62.05 lakhs in the 10th year for extension of Jog Hydro Electric power to South Kanara for examination. It is being examined separately and it can be sanctioned only after an agreement is reached with Mysore.

3. As regards the question of development of Hydro Electric power sites in South-Kanara, an estimate of Rs. 1.24 lakhs was prepared ~~and forwarded~~ by the C.E.(E) in April 1948 for the preliminary survey of the possibilities of the power development in South Kanara. However, in view of the possibility of getting hydro electric power from the Jog Scheme of Mysore, it was ordered that no action need be taken on the estimate - Please see the typed note on pp. 20- 21 ante. In ~~the~~ a memorandum dated 2-2-1949 (a translation of which is on pp. 31-32 c.f.) one Sri Pandit Gopalakrishna Kamath of Hosangadi village has stressed the need for taking up hydro electric development in South Kanara.

4. If Mysore Power is made available for South Kanara as a permanent measure, investigation of hydro electric power sites in South Kanara may not perhaps be necessary for the present. The C.E.(E), to whom Sri Karanth's D.O. was referred, has merely invited attention to the previous decision to defer the investigation but has not stated specifically whether it is desirable or not to take up the investigation at present. In view of the representations now made by Sri Karanth and Sri Pandit Gopalakrishna Kamath, it is for orders whether the investigation previously deferred may be ordered to be taken up or whether the question may lie over till a settlement is reached with Mysore.

(An extract of para 5 of the memorandum on p. 32 c.f. may be sent to the Firka Development Department for necessary action)

Please see notes from the middle of p 20 ante. The Mysore Govt have since intimated that they are agreeable to supply electric power to the extent of 6,000 kw at the border of the state from Gog Falls Generating station, the exact point of supply being determined by mutual discussion between the Chief Engineers of both the Govts. They have stated that the terms and conditions under which power could be effected will be similar to those specified for Hindupur supply; with the addition of minimum payment on the lines agreed to in the case of power supply to Ceded Districts. The C.E (E) has been asked to offer his remarks on the Mysore Govt's letter referred to above. The question whether ~~the necessity for making~~ the preliminary survey of the possibilities of power development in S. Kanara District, dealt with in this file, should be taken up or not in view of the Mysore Govt's letter, may be examined on receipt of the reply from the CE (E). This may lie over pending for the present.

p 1 cf ff 11 / 500/49 removed.

X

pp 19-21 cf

ff 11

PBh 29/11/49. 29.11.49

TPS 2/12/49

With refce to 'x' above, it is submitted that the CE's reply has been received. The Mysore Govt have since been addressed in the Hindupur file protesting against their decision to levy surcharge on the bulk supply to be given by them to this Govt for distribution at Hindupur. It was ordered in circulation in another file that the S. Kanara question may await Mysore Govt's reply in Hindupur case referred to above. This may therefore lie over till a reply is received from Mysore

PBh 29/12/49. 29.12.49

TPS 29/12/49

PWD 3/45

Please see l.o orders at the bottom of the previous page. The Hon Srik. Bhashyam Minister, Mysore Govt has since intimated that he has recommended to this Govt for the deletion of the surcharge clause proposed by the Mysore Govt. He has, however, indicated that if Mysore Govt levies a surcharge on their consumers we will have to pay it like all other consumers. As this suggestion will also be unfavourable to this Govt, the remarks of the CE (E) have been called for before sending a reply to Mysore. This file may lie over till the CE's reply is received and considered by the Govt.

Separate file under

A.

PSL 12.4.50. KP 12.4.50

12.4.50

Ref to W.N. to -A- above, the reply from the CE(E) has since been received.

The draft agreement relating to the levy of Govt power to South Kanara has been sent to Mysore Govt and their Concurrence for the same is awaited. This may continue to lie over till 10/7/50, pending receipt of Mysore Govt's acceptance concurrence.

File STH 5/3 Nos 1 to 6

B

9/6/50 KP 9.6.50

9.6.50

The position remains same as at 'B' above. This may continue to lie over till 15/8/50

9.7.50 KP 18.7.50

18/7/50

Please see the D.O. orders on p24 ante.
Mysore has definitely agreed to give
6000 k.W. of power for supply to South Kanara.
Of it proposed to be generated in connection the scheme
in this respect as approved by the Cabinet already)
estimated to cost Rs 41.32 lakhs initially rising to
Rs 62.05 lakhs in the 10th year for extension of
Jog Mysore Electric power to South Kanara, pending
finalisation of the draft agreement in this
connection with Mysore, after obtaining orders
in Op of the case to be (PWD, W.M.(Fin) etc).
We have also agreed to this procedure.
This may therefore continue to lie on file
upto 9-1950, pending issue of orders in the
referred to above.

11/8/50 17.8.50 15/8/50

The file relates to the investigation of hydro-electric power sites in the South Kanara Dt.

2. The question had been under consideration since 1946 and in April, 1948, the C.E.(E) forwarded an estimate amounting to Rs.1.24 lakhs for the preliminary survey of the possibilities of power development in S.Kanara. However, in view of the fact that the Mysore Govt. had then agreed to give electric power from their Jog hydro electric scheme for distribution in the S.Kanara Dt. and very likely as a permanent measure, the C.E.(E) considered that the investigation of the hydro electric schemes in the S.Kanara area might be deferred for the time being, especially in view of the great dearth of civil engineers. He therefore suggested that no action need be taken on the estimate forwarded by him. His suggestion was accepted and the proposal deferred in May 1948.

3. Further developments have since taken place regarding the question of supply of Jog power to

South Kanara. The Mysore Govt. have forwarded for the acceptance of this Govt. a revised draft agreement embodying the terms and conditions under which supplyr s will be made by them. It is being examined separately. Meanwhile, sanction has been accorded to the South Kanara Distribution Scheme estimated to cost Rs.48.32 lakhs initially, rising to Rs.62.05 lakhs in the tenth year.

4. So far as the question of investigation of hydro-electric power sites in the South Kanara Dt. dealt with in this file is concerned, the position at 'A' on p.25 ante sill seems to hold good. However, the attention of the C.E.(E) may perhaps be drawn to the orders since issued sanctioning the S.Kanara Distribution Scheme and he may be asked to state when the proposal for the investigation of the hydro-electric power sites in South Kanara may again be taken up for consideration. A draft memo is submitted.

13.9.50 13.9.50

15-9-50

13.9.50 13.9.50

1.11.50

31/10/50 31.10.50

45

The case relates to the investigation of Hydro-electric power sites in South Kanara Dt. The typed notes on pp 25-26 ante gives the previous history on the proposal. In G.O. Ms. No 3270 PWd 1-9-50, the S. Kanara distribution scheme (& Jog power) was sanctioned. With reference to these orders, the CE(E) was asked in September, 50 to state as to when the proposal for the preliminary survey of the possibilities of power development in S. Kanara, which was deferred previously, might be taken up for consideration. The CE(E) has since replied that the proposals of the Spl. Officer, for H.E. Surveys, are being studied by the CE(E). It is stated that these proposals envisarage a programme of development of all possible sites in Madras State in a ten year period, in two stages of 5 years each, the more important river basins being included in the first stage and the remaining ones in the second stage. All the possible sites in the S. Kanara Dt. are stated to be included in the 2nd five year plan of investigation. As the hydro-dynamic values have yet to be worked out, the CE considers it unlikely that the investigation of the South Kanara sites will be taken earlier than 5 years from the date of sanction to the comprehensive scheme referred to. In the circumstances, the file may be referred to.

closed for the present, ~~if necessary after perusal~~
~~by Secretariat for his information~~ ~~and the file~~
~~to be put up again after the Budget session~~ ~~of 1963~~ ~~then~~
and the papers recorded.

N
2.2.51

H.M. (P.W.) may see notes from page 27 ante. Previous minutes are at p. 21 ante.

1.2.51

N
2.2.51

$\frac{\$ m}{2}$
2/51

Hm (PW)

MB
4.2

PW(S)

The papers may be recorded in a Ms. S.O. A draft order is submitted.

6/2/51

6.2.51

6/2/51

So Ms No

Issued as So Ms No 534 PW
d 7/2/51